Nursing Lab Equipment — Product Overview by Micro Technologies

Micro Technologies is a trusted supplier of high-quality nursing lab equipment, laboratory instruments, and diagnostic tools for hospitals, nursing colleges, and healthcare institutions. Explore the full range at Micro Technologies.

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1. Compound / Binocular Microscope

A compound **binocular microscope** is one of the most essential items of nursing lab equipment, allowing students and professionals to examine bacteria, fungi, and other microorganisms with precision. Micro Technologies offers high-resolution microscopes built for durability and accurate magnification in clinical and academic settings. These microscopes are widely used in nursing lab equipment setups for smear examination and Gram staining practice. With sturdy optics and ergonomic design, they support long hours of laboratory work without strain. Explore this and more nursing lab equipment at Micro Technologies.

2. Autoclave

An **autoclave** is a core piece of nursing lab equipment used for sterilizing instruments, glassware, and culture media through high-pressure steam. Micro Technologies supplies reliable autoclaves designed to meet strict infection-control standards required in nursing and

microbiology labs. This nursing lab equipment ensures complete elimination of bacteria, viruses, and spores, safeguarding both students and patients. Its user-friendly controls make sterilization simple and consistent across daily lab routines. Get dependable autoclaves for your institution from Micro Technologies.

3. Hot Air Oven

The ***hot-air oven*** is a vital nursing lab equipment unit used for dry-heat sterilization of glassware such as test tubes and Petri dishes. Micro Technologies manufactures precision-controlled hot air ovens that maintain consistent high temperatures for effective sterilization. As essential nursing lab equipment, it complements the autoclave by handling items unsuitable for moist heat. Its digital temperature regulation ensures safety and reliability in every cycle. Discover durable hot air ovens and other **nursing lab equipment** at Micro Technologies.

4. Incubator

An incubator is indispensable nursing lab equipment used to maintain optimal temperature conditions for bacterial and fungal culture growth. Micro Technologies designs incubators with accurate thermostatic control, ideal for nursing colleges and diagnostic laboratories. This nursing lab equipment supports consistent 24–48 hour incubation cycles required for microbiology practicals. Reliable insulation and uniform heat distribution make it a dependable choice for daily use. Browse quality incubators and related nursing lab equipment at Micro Technologies.

5. Laminar Air Flow Cabinet

The ***laminar air flow*** cabinet is advanced nursing lab equipment that provides a sterile, contamination-free workspace for handling cultures and sensitive specimens. Micro Technologies offers HEPA-filtered laminar flow units built for safety and precision in nursing and microbiology labs. As critical nursing lab equipment, it protects both samples and technicians from airborne contamination during inoculation. Its efficient airflow system meets institutional biosafety requirements. Equip your lab with this essential nursing lab equipment from Micro Technologies.

6. Centrifuge

A centrifuge is widely used nursing lab equipment that separates components of blood, urine, or other specimens based on density through high-speed spinning. Micro Technologies provides durable, precision-balanced centrifuges suited for nursing and clinical laboratories. This nursing lab equipment plays a key role in specimen preparation and diagnostic testing. Smooth operation and safety-locking lids ensure secure handling of samples. Find reliable centrifuges among our full nursing lab equipment range at Micro Technologies.

7. Refrigerator (Laboratory Grade)

Laboratory refrigerators are essential nursing lab equipment used to preserve culture media, reagents, and specimens at controlled low temperatures. Micro Technologies supplies laboratory-grade refrigeration units built for consistent cooling performance in demanding lab environments. As trusted nursing lab equipment, they help maintain sample integrity and prevent microbial contamination before testing. Reliable insulation and stable temperature control make them a lab essential. View laboratory refrigerators and other nursing lab equipment at Micro Technologies.

8. Inoculating Loop and Wire

The inoculating loop and wire are simple yet indispensable nursing lab equipment used for transferring and streaking microorganisms across culture media. Micro Technologies offers precision-crafted loops designed for accurate, contamination-free sub-culturing. This nursing lab equipment is a staple in every microbiology practical, enabling clean isolation of bacterial colonies. Its heat-resistant design allows repeated flame sterilization without damage. Stock up on inoculating loops and more nursing lab equipment at Micro Technologies.

9. Bunsen Burner / Spirit Lamp

A **Bunsen burner** or spirit lamp is fundamental nursing lab equipment used to create a sterile flame zone for aseptic techniques and instrument sterilization. Micro Technologies provides sturdy, safe-to-use burners designed for everyday laboratory practice. As reliable nursing lab equipment, it supports flaming of loops, needles, and tube mouths during inoculation procedures. Its stable base and consistent flame output ensure safe, controlled use. Explore burners and complete nursing lab equipment solutions at Micro Technologies.

10. Petri Dishes

Petri dishes are foundational nursing lab equipment used to hold solid culture media for growing and observing microbial colonies. Micro Technologies supplies high-clarity, sterile-grade **Petri dishes** suited for accurate colony visibility and counting. This nursing lab equipment is used extensively across microbiology, pathology, and nursing training labs. Durable construction ensures consistent results across repeated experiments. Order premium Petri dishes and other nursing lab equipment from Micro Technologies.

11. Test Tubes and Test Tube Rack

Test tubes and racks form a basic but crucial category of nursing lab equipment used for holding culture media, reagents, and specimens. Micro Technologies offers high-quality borosilicate test tubes paired with sturdy racks for organized lab work. This nursing lab equipment supports everyday tasks such as biochemical testing and slant culture preparation. Its heat-resistant glass ensures safety during repeated sterilization cycles. Shop test tubes and complete nursing lab equipment sets at Micro Technologies.

12. Colony Counter

The colony counter is specialized nursing lab equipment designed for accurately counting bacterial and fungal colonies on culture plates. Micro Technologies manufactures colony counters with illuminated backgrounds and magnifying lenses for precise readings. As essential nursing lab equipment, it reduces manual counting errors and speeds up laboratory reporting. Its ergonomic design makes it easy to use during high-volume testing. Discover accurate colony counters among our nursing lab equipment range at Micro Technologies.

13. Weighing Balance

A **weighing balance** is precision nursing lab equipment used to measure exact quantities of chemicals and culture media components. Micro Technologies provides digital and analytical balances built for accuracy in nursing and microbiology laboratories. This nursing lab equipment ensures correct concentration when preparing solutions and reagents for testing. Its sensitive calibration guarantees consistent, dependable measurements. Find precise weighing balances and other nursing lab equipment at Micro Technologies.

14. pH Meter

The **pH meter** is important nursing lab equipment used to measure the acidity or alkalinity of prepared culture media and solutions. Micro Technologies offers digital pH meters with reliable calibration for consistent, accurate readings. As trusted nursing lab equipment, it helps maintain optimal pH levels required for healthy microbial growth. Its compact design and easy operation make it suitable for routine lab checks. Browse dependable pH meters and more nursing lab equipment at Micro Technologies.

15. Water Bath

A water bath is versatile nursing lab equipment used to maintain stable temperatures for melting agar, incubating reagents, and running biochemical tests. Micro Technologies supplies digitally controlled water baths built for consistent thermal accuracy in laboratory settings. This nursing lab equipment supports a wide range of procedures requiring steady, controlled heat. Its uniform heating chamber ensures reliable results every time. Get high-performance water baths and complete nursing lab equipment at Micro Technologies.

16. Distillation Unit

The distillation unit is essential nursing lab equipment used to produce pure distilled water free from minerals and impurities. Micro Technologies manufactures efficient distillation units designed for continuous laboratory use in nursing and microbiology departments. This nursing lab equipment is critical for preparing accurate culture media and reagent solutions. Its durable build ensures consistent water purity output over long periods. Explore distillation units and the full nursing lab equipment catalog at Micro Technologies.

Micro Technologies — your reliable partner for nursing lab equipment, microbiology instruments, and diagnostic laboratory solutions. Visit https://www.microlabequipment.com/ to explore the complete product range.